

## AMENDMENTS TO THE SPECIFICATION

Please amend the Specification pursuant to 37 C.F.R. § 1.121 as follows:

On page 1, please amend the title as follows:

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-- AN EFFICIENT FFT IMPLEMENTATION FOR ASYMMETRIC DIGITAL SUBSCRIBER
LINE (ADSL) --
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On page 6, line 16, bridging through page 7, line 4, please amend the text as follows:

-- The present invention involves a method in an FFT system for extending the dynamic range of communication signals in communication devices. First, a communications signal is obtained. The communication signal comprises a set of data points having a set of signal characteristics. Then, an output division of the communication signal data points is enabled at each output stage of the FFT system during a first communications signal transmission. Next, a maximum output communication signal is sampled during the first signal transmission. Then, a maximum output signal during a second signal transmission is predicted using the signal characteristics of the communication signal during the first communications signal transmission. Then, a number of unnecessary output divisions for each output stage of the FFT system during the second signal transmission is predicted. The number of unnecessary output divisions is determined from the predicted maximum output signal during a second signal transmission and from the maximum output communication signal sampled during the first signal transmission. Finally, the output stage division is disabled for at least one output stage of the FFT system during the second signal transmission using the number of unnecessary output divisions determined in the calculating step. --